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Analysis Name	Probe Set Name	Gene Name	Change	Change	Status	Change p-value	Average
A (U74A)	100581_at	1 cystatin B (Stfb) gene	1	1	1	0	0
A (U74A)	103946_at	2 Pstpip1 (proline-serine-threonine phosphatase-interacting protein 1)	1	1	1	0	0
A (U74A)	104388_at	3 Scya9 (small inducible cytokine A9)	1	1	1	0	0
A (U74A)	104407_at	4 Alcam (activated leukocyte cell adhesion molecule)	1	1	1	0	0
A (U74A)	104761_at	5 2310046819Rik (RIKEN cDNA 2310046819 gene)	1	1	1	0	0
A (U74A)	160202_at	6 5730403068Rik (RIKEN cDNA 5730403068 gene)	1	1	1	0	0
A (U74A)	160406_at	7 clsk gene	1	1	1	0	0
A (U74A)	160901_at	8 c-fos oncogene	1	1	1	0	0
A (U74A)	98859_at	9 Acid phosphatase type 5 gene	1	1	1	0	0
A (U74A)	99957_at	10 Mmp9 (matrix metalloproteinase 9)	1	1	1	0	0
A (U74A)	103017_at	11 Tm7sf1 (transmembrane 7 superfamily member 1, integral membrane protein)	1	1	1	0	0
A (U74C)	166517_f.at	12 Alcam (activated leukocyte cell adhesion molecule)	1	1	1	0	0.000005
A (U74A)	96456_at	13 2410004009Rik (RIKEN cDNA 2410004009)	1	1	1	0	0.000005
A (U74A)	96481_at	14 C80638 (AV251613 RIKEN full-length enriched, 0 day neonate head Mus musculus cDNA clone 4833432F11 3', mRNA sequence)	1	1	1	0	0.000005
A (U74A)	97302_at	15 1700126116Rik (NBL-S, gene with protein product, function known or inferred)	1	1	1	0	0.000005
A (U74A)	100906_at	16 Itgb7 (integrin beta 7)	1	1	1	0	0.000005
A (U74A)	103210_at	17 Csf2rb2 (colony stimulating factor 2 receptor, beta 2)	1	1	1	0	0.000005
A (U74A)	103690_at	18 AW125574 (Williams-Beuren syndrome chromosome region 5 homolog)	1	1	1	0	0.000005
A (U74A)	160124_r.at	19 vacuolar adenosine triphosphatase subunit C mRNA	1	1	1	0	0.000005
A (U74C)	165770_at	20 A1851927 (expressed sequence A1851927)	1	1	1	0	0.000005
A (U74A)	93037_i.at	21 lipocortin 1 gene, exon 13	1	1	1	0	0.000005
A (U74A)	96680_at	22 Dnaib9 (DnaJ (Hsp40) homolog, chaperone)	1	1	1	0	0.000005
A (U74A)	102348_at	23 pale ear (Hermansky-Pudlak syndrome 1 homolog)	1	1	1	0	0.000005
A (U74A) 2	107969_at	24 Alcam (activated leukocyte cell adhesion molecule)	1	1	1	0	0.000005
A (U74A)	92648_at	25 Sxtp3 (intracellular protein traffic)	1	1	1	0	0.000005
A (U74A)	95745_g.at	26 vacuolar adenosine triphosphatase subunit A gene	1	1	1	0	0.000005
A (U74A)	98884_r.at	27 Nudel-pending (nuclear distribution gene E-like, centrosome)	1	1	1	0	0.000005
A (U74A)	101554_at	28 I kappa B alpha gene, exons 2-6	1	1	1	0	0.000005
A (U74C)	167230_f.at	29 ESTs, Moderately similar to ANX4 MOUSE ANNEXIN IV	1	1	1	0	0.000005
A (U74B) 2	116346_at	30 493050607Rik (RIKEN cDNA 493050607 gene)	1	1	1	0	0.000005
A (U74A)	101042_f.at	31 Pop4 (peptidase 4, metalloendopeptidase)	1	1	1	0	0.000005
A (U74A)	103923_at	32 transmembrane 7 superfamily member 1	1	1	1	0	0.000005
A (U74A)	104179_at	33 A1788669 (expressed sequence A1788669)	1	1	1	0	0.000005
A (U74A)	160529_r.at	34 Vdac2 (voltage-dependent anion channel 2)	1	1	1	0	0.000005
A (U74A)	104106_at	35 Rpl7 (ribosomal protein L7)	1	1	1	0	0.000005
A (U74A)	94346_at	36 Wtap-pending (Wilms' tumour 1-associating protein)	1	1	1	0	0.000005
A (U74A) 2	115453_at	37 A1324824 (expressed sequence A1324824)	1	1	1	0	0.000005
A (U74A)	99413_at	38 Cskbr1 (chemokine (C-C) receptor 1)	1	1	1	0	0.000005
A (U74A)	102283_at	39 Tiam1 (T-cell lymphoma invasion and metastasis 1)	1	1	1	0	0.000005
A (U74C)	161173_f.at	40 ESTs, similar to M31418 Mouse 202 interferon-activatable protein mRNA	1	1	1	0	0.000005
A (U74C)	139395_at	41 ESTs (Soares mouse NBMH)	1	1	1	0	0.000005
A (U74B) 2	162543_r.at	42 Acp5 (acid phosphatase 5, tartrate resistant)	1	1	1	0	0.000005
A (U74A)	92642_at	43 Car2 (carbonate dehydratase)	1	1	1	0	0.000005
A (U74A)	104149_at	44 Nrkbia (nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, alpha)	1	1	1	0	0.000005
A (U74A)	160539_at	45 ASF mRNA	1	1	1	0	0.000005
A (U74A)	100990_g.at	46 Itgb1bp1 (integrin beta 1 binding protein 1)	1	1	1	0	0.000005
A (U74C)	168548_f.at	47 ESTs, Moderately similar to SUPEROXIDE DISMUTASE	1	1	1	0	0.000005
A (U74A)	103922_f.at	48 150000505Rik (RIKEN cDNA 150000505 gene)	1	1	1	0	0.000005
A (U74A)	94871_r.at	49 2000019122Rik (gene with protein product, function unknown)	1	1	1	0	0.000005
A (U74A)	96634_at	50 5730469M10Rik (gene with protein product, function unknown)	1	1	1	0	0.000005
A (U74A)	92302_at	51 Sos2 (Son of sevenless homolog 2)	1	1	1	0	0.000005
A (U74A)	99993_at	52 Anpep (alanine (membrane) aminopeptidase)	1	1	1	0	0.000005
A (U74B) 2	109102_r.at	53 2210023K2Rik (RIKEN cDNA 2210023K21 gene)	1	1	1	0	0.000005
A (U74C)	169069_f.at	54 4930434J08Rik (RIKEN cDNA 4930434J08 gene)	1	1	1	0	0.000005
A (U74C)	168377_r.at	55 Sphpl-pending (sphingosine-1-phosphate phosphatase 1)	1	1	1	0	0.000005
A (U74A)	160092_at	56 Ifrd1 (interferon-related developmental regulator 1)	1	1	1	0	0.000005
A (U74A)	93471_at	57 ESTs, Weakly similar to T14031 sodium bicarbonate cotransporter, pancreatic - mouse	1	1	1	0	0.000005
A (U74A)	104206_at	58 0610012A05Rik (RIKEN cDNA 0610012A05 gene)	1	1	1	0	0.000005
A (U74A)	161703_f.at	59 Anxa1 (annexin A1)	1	1	1	0	0.000005
A (U74A)	94733_at	60 Acb4 (ATP-binding cassette, sub-family B (MDR/TAP), member 4)	1	1	1	0	0.000005
A (U74A)	100390_at	61 H3.3A variant histone	1	1	1	0	0.000005
A (U74B) 2	164245_at	62 ESTs, Highly similar to hypothetical protein	1	1	1	0	0.000005
A (U74A)	100584_at	63 Anxa4 (annexin A4, calcium binding)	1	1	1	0	0.000005

FIG. 1A

Analysis Name	Probe Set Name	Gene Name	Change	Change	Status	Change p-value	Average
A (U74B) 2	115949_at	64 ESTs (vg72c11.xl Soares mouse NbM1)	1	1	1	0.000021	0.000011
A (U74A)	95625_at	65 M589632 (expressed sequence M589632)	1	1	1	0.000003	0.000019
A (U74A)	92591_s_at	66 vacuolar adenosine triphosphatase subunit B gene	1	1	1	0.000023	0.000001
A (U74A)	100499_at	67 Stx3 (syntaxin 3)	1	1	1	0	0.000025
A (U74A)	95746_at	68 At6a1 (hydrogen-transporting two-sector ATPase)	1	1	1	0.000015	0.0000125
A (U74A)	100042_at	69 Similar to hydroxyacyl glutathione hydrolase	1	1	1	0.000025	0.000015
A (U74A)	96875_r_at	70 1200003J11RIK (RIKEN cDNA 1200003J11 gene)	1	1	1	0.000029	0.000016
A (U74A)	103783_at	71 Tank (Traf family member-associated NF-kappa B activator)	1	1	1	0.000025	0.000009
A (U74A)	103328_at	72 At6b2 (ATPase, H+ transporting, lysosomal)	1	1	1	0.000018	0.000017
A (U74C)	138577_at	73 AV277485 RIKEN full-length enriched, adult male testis	1	1	1	0.000037	0.000019
A (U74C)	168443_r_at	74 ESTs (U1-M-BH2.1-apg-h-05-0-U1.sl NIH_BMAP_M.S3.1)	1	1	1	0.000017	0.000021
A (U74B) 2	106073_at	75 Nfai1 (nuclear factor of activated T-cells, cytoplasmic 1)	1	1	1	0.000034	0.000006
A (U74A)	102209_at	76 Supt4h2 gene	1	1	1	0.000003	0.000037
A (U74A)	95795_at	77 Max (Max protein)	1	1	1	0.00004	0.00002
A (U74A)	99095_at	78 Vamp4 (vesicle-associated membrane protein 4)	1	1	1	0.000001	0.0000205
A (U74A)	102317_at	79 061001IL04RIK (RIKEN cDNA 061001IL04 gene)	1	1	1	0.000043	0.0000215
A (U74A)	95064_at	80 2310021106RIK (RIKEN cDNA 2310021106 gene)	1	1	1	0.000023	0.000021
A (U74C)	171517_at	81 3110004018RIK (mitochondrion)	1	1	1	0.000019	0.000023
A (U74A)	94005_at	82 Traf1 (Tnf receptor-associated factor 1)	1	1	1	0.000037	0.000009
A (U74A)	94186_at	83 At6f6 (ATPase, H+ transporting)	1	1	1	0.000047	0.000001
A (U74A)	96951_at	84 6230425C21RIK (RIKEN cDNA 6230425C21 gene)	1	1	1	0.000047	0.000024
A (U74A)	97967_at	85 810433K01RIK (RIKEN cDNA 810433K01 gene)	1	1	1	0.000041	0.000008
A (U74C)	165619_r_at	86 Sema4d (semaphorin W-sema G mRNA)	1	1	1	0.000027	0.000025
A (U74A)	160836_at	87 RIKEN full-length enriched library, clone:493244ID06	1	1	1	0.00005	0.0000255
A (U74B) 2	117302_at	88 A1227013 (gene with protein product, function unknown)	1	1	1	0.000014	0.000027
A (U74A)	93773_f_at	89 A1227013 (gene with protein product, function unknown)	1	1	1	0.000043	0.0000285
A (U74B) 2	116418_at	90 A1227013 (gene with protein product, function unknown)	1	1	1	0.00004	0.000029
A (U74A)	95705_s_at	91 Actr3 (melanoma X-actin, cytoskeleton)	1	1	1	0	0.000059
A (U74A)	97844_at	92 Rgs2 (regulator of G-protein signaling 2, GTPase activator)	1	1	1	0.00005	0.0000295
A (U74A)	96919_at	93 At6p1 (ATPase, H+ transporting)	1	1	1	0.000001	0.000063
A (U74A)	104298_at	94 A1842544 (expressed sequence A1842544)	1	1	1	0.000032	0.000032
A (U74A)	93117_at	95 Hnrpa2b1 (ribonucleoprotein)	1	1	1	0.000063	0.000001
A (U74C)	168116_f_at	96 ESTs, Weakly similar to The Pleckstrin Homology Domain From Grp1 In Complex With Inositol (1,3,4,5,6)pentakisphosphate	1	1	1	0.000051	0.000034
A (U74C)	167915_f_at	97 ESTs, Weakly similar to T12449 hypothetical protein	1	1	1	0.000063	0.000035
A (U74C)	167918_f_at	98 Snr18 (serine protease inhibitor 8)	1	1	1	0.000014	0.0000385
A (U74C)	102005_at	99 Tcirlg1 (T-cell, immune regulator 1)	1	1	1	0.000003	0.000041
A (U74A)	98441_at	100 Fari1 (fragile X mental retardation syndrome 1 homolog)	1	1	1	0.000068	0.000017
A (U74A)	104469_at	101 Gp38 (glycoprotein 38)	1	1	1	0.000001	0.0000425
A (U74A)	96151_at	102 1110018012RIK (RIKEN cDNA 1110018012 gene)	1	1	1	0.000085	0.000043
A (U74A)	160824_at	103 1110037N09RIK (RIKEN cDNA 1110037N09 gene)	1	1	1	0.000001	0.000043
A (U74C)	167965_f_at	104 AV370033 RIKEN full-length enriched (similar to U36277 Mus musculus I-kappa B alpha chain)	1	1	1	0.000025	0.000044
A (U74C)	162369_f_at	105 Mmp9 (matrix metalloproteinase 9)	1	1	1	0.000044	0.000044
A (U74A)	104391_s_at	106 D17Wu51e (DNA segment, Chr 17, Wayne State University 51, expressed)	1	1	1	0.000007	0.000046
A (U74A)	95060_at	107 Sic16a7 (solute carrier family 16, integral membrane protein)	1	1	1	0.000099	0.00005
A (U74A)	97843_at	108 Ncoa4 (nuclear receptor coactivator 4)	1	1	1	0.000085	0.000061
A (U74A)	96709_at	109 C79326 (gene with protein product, function known or inferred)	1	1	1	0.000024	0.000062
A (U74C)	137475_at	110 A1481660 (vH2h12.xl Soares mammary_gland_NbMNG)	1	1	1	0.000124	0.0000625
A (U74A)	92542_at	111 gene with protein product, function unknown	1	1	1	0.000099	0.000064
A (U74A)	100880_at	112 ESTs, Weakly similar to B Chain B	1	1	1	0.000115	0.000072
A (U74C)	169667_f_at	113 Anxa5 (annexin A5)	1	1	1	0.000085	0.000075
A (U74A)	97502_at	114 Did (dihydrolipoamide dehydrogenase, cytoplasm)	1	1	1	0.000154	0.000077
A (U74A)	103715_at	115 Scin (scinderin)	1	1	1	0.000154	0.0000785
A (U74A)	97887_at	116 AF0C2 gene, complete CDS, and exons 2 and 3	1	1	1	0.000107	0.0000785
A (U74A)	104036_at	117 Dpp7 (dipeptidyl peptidase 7)	1	1	1	0	0.0000825
A (U74A)	104671_at	118 Ampd3 gene	1	1	1	0.000165	0.0000825
A (U74A)	96278_at	119 1110020C13RIK (RIKEN cDNA 1110020C13)	1	1	1	0.000165	0.000083
A (U74A)	98533_at	120 0610009N12RIK (RIKEN cDNA 0610009N12 gene)	1	1	1	0.000165	0.000083
A (U74C)	140664_r_at	121 5716627_RC (ub64f01.xl Soares mammary_gland_NbMNG)	1	1	1	0.000165	0.0000845
A (U74C)	166247_at	122 ESTs, Moderately similar to T00380 KIA0637 protein	1	1	1	0.000165	0.0000845
A (U74A)	160199_at	123 Hnrcp (heterogeneous nuclear ribonucleoprotein C)	1	1	1	0.000107	0.0000875
A (U74A)	104602_at	124 D2Ertld120e (DNA segment, Chr 2, ERATO D01 120, expressed)	1	1	1	0.000177	0.0000885
A (U74A)	136537_at	125 ESTs (v199f07.xl Barstead mouse pooled organs MPLRB4)	1	1	1	0.000177	0.0000885
A (U74B) 2	110980_at	126 ESTs (U1-M-BH1-ako-e-10-0-U1.sl NIH_BMAP_M.S2)	1	1	1	0.000177	0.000089
A (U74A)	96060_at	127 Serpinb6 (serine protease inhibitor)	1	1	1	0.000063	0.000177
A (U74A)	102249_at	128 advaltin	1	1	1	0.000191	0.0000955
A (U74A)			1	1	1	0.00008	0.0000955

FIG. 1B

Analysis Name	Probe Set Name	Gene Name	Change	Change	Status	Change p-value	Average
A (U74B) 2	116400_at	129 4632415D10R1k (RIKEN cDNA 4632415D10 gene)	1	1	1	0.000663	0.000165
A (U74A)	104589_at	130 Rnp-pending (RNP5-mediated protein)	1	1	1	0.000191	0.000114
A (U74A)	160979_at	131 ESTs (UI-M-BH2.3-aa-c-03-0-UI.s1 NIH_BMAP_M_S3.3)	1	1	1	0.000236	0.000054
A (U74B) 2	163364_at	132 5730496F10R1k (RIKEN cDNA 5730496F10 gene)	1	1	1	0.000004	0.000009
A (U74B) 2	162927_at	133 transmembrane protein Bet, complete cds	1	1	1	0.000243	0.000205
A (U74A)	95058_f.at	134 2610205H19R1k (RIKEN cDNA 2610205H19)	1	1	1	0.000253	0.000007
A (U74B) 2	106302_at	135 ESTs, Weakly similar to AII-1 protein cGTE form	1	1	1	0.000253	0.000126
A (U74C)	170331_t.at	136 ESTs, AV043202 Mus musculus adult C57BL/6J testis	1	1	1	0.000223	0.000145
A (U74A)	104268_at	137 interlucin-6 (IL-6) receptor	1	1	1	0.000311	0.000151
A (U74A)	94433_at	138 A1316867 (expressed sequence A1316867)	1	1	1	0.000092	0.000155
A (U74A)	99878_f.at	139 Atp51 (ATP synthase, H+ transporting, mitochondrial F0 complex)	1	1	1	0.000311	0.000156
A (U74A)	102000_f.at	140 1500004006R1k (RIKEN cDNA 1500004006 gene)	1	1	1	0.000003	0.000157
A (U74A)	161969_f.at	141 Capg (capping protein (actin filament), gelsolin-like)	1	1	1	0.000027	0.000158
A (U74A)	103471_at	142 4432405K22R1k (RIKEN cDNA 4432405K22 gene)	1	1	1	0.00022	0.000092
A (U74C)	136663_at	143 ESTs, UI-M-A01-ael-c-05-0-UI.s1 NIH_BMAP_MPG_N	1	1	1	0.000236	0.000085
A (U74A)	162094_f.at	144 Wtms, tumour I-associating protein	1	1	1	0.000311	0.000161
A (U74A)	97919_at	145 1110021E09R1k (RIKEN cDNA 1110021E09 gene)	1	1	1	0.000333	0.000166
A (U74A)	101995_at	146 Sostml (sequestosome 1, transcription co-factor)	1	1	1	0.000236	0.000167
A (U74B) 2	108493_at	147 4632432J16R1k (RIKEN cDNA 4632432J16 gene)	1	1	1	0.000332	0.000167
A (U74A)	95288_i.at	148 A1848406 (expressed sequence A1848406)	1	1	1	0.000253	0.000085
A (U74B) 2	112857_g.at	149 4930404N1R1k (RIKEN cDNA 4930404N11 gene)	1	1	1	0.000006	0.000169
A (U74C)	168210_t.at	150 ESTs, Weakly similar to vacuolar ATP synthase subunit D	1	1	1	0.000333	0.000169
A (U74C)	166304_f.at	151 5730403E06R1k (RIKEN cDNA 5730403E06 gene)	1	1	1	0.000333	0.00007
A (U74A)	100479_at	152 Dmt3a (DNA methyltransferase 3A)	1	1	1	0.000333	0.00017
A (U74A)	161756_at	153 4833420N02R1k (RIKEN cDNA 4833420N02 gene)	1	1	1	0.00029	0.000172
A (U74A)	104308_at	154 Itgax (integrin alpha X)	1	1	1	0.00048	0.000205
A (U74A)	96281_at	155 Atp6g1 (ATPase, H+ transporting)	1	1	1	0.000204	0.000204
A (U74A)	94873_at	156 Arg2 (arginase type II)	1	1	1	0.00029	0.000204
A (U74A)	161754_f.at	157 Glb1 (galactosidase, beta 1)	1	1	1	0.00013	0.000382
A (U74A)	160399_r.at	158 H2afy (H2A histone family, member Y)	1	1	1	0.00014	0.000205
A (U74B) 2	106617_at	159 AW123240 (expressed sequence AW123240)	1	1	1	0.000437	0.000211
A (U74A)	94774_at	160 Ifi202a (interferon activated gene 202a)	1	1	1	0.000437	0.000219
A (U74A)	9981_s.at	161 Tcf12 (transcription factor 12)	1	1	1	0.000437	0.000001
A (U74A)	92598_at	162 Atp6b2 (hydrogen-transporting)	1	1	1	0.000467	0.000001
A (U74A)	92480_f.at	163 Zfp118 (Zinc finger protein 118)	1	1	1	0.000467	0.000001
A (U74A)	94939_at	164 Cds3 (CDS3 antigen)	1	1	1	0.000467	0.000234
A (U74A)	16014_r.at	165 5730507C05R1k (RIKEN cDNA 5730507C05 gene)	1	1	1	0.000467	0.000238
A (U74A)	92492_at	166 adenylate kinase 3 alpha like	1	1	1	0.000467	0.000239
A (U74A)	102644_at	167 Mus musculus (C57BL/10 X C3H)F2 clone 1.5 novel mRNA from renin-expressing kidney tumor cell line	1	1	1	0.00013	0.000235
A (U74B) 2	114270_at	168 ESTs, UI-M-BH1-ami-b-10-0-UI.s1	1	1	1	0.00013	0.000211
A (U74C)	166804_f.at	169 AV105500 Mus musculus liver C57BL/6J 13-day embryo	1	1	1	0.00017	0.000219
A (U74C)	166076_r.at	170 2500001K11R1k (RIKEN cDNA 2500001K11 gene)	1	1	1	0.000107	0.000245
A (U74B) 2	114238_at	171 A1426953 (mm07e09.y1 Boddington mouse embryonic region)	1	1	1	0.000107	0.000382
A (U74A)	92660_f.at	172 Ube2e1 (ubiquitin-conjugating enzyme E2E 1)	1	1	1	0.000533	0.000245
A (U74A)	160397_at	173 Mus musculus, Similar to IK cytokine, down-regulator of HLA II, clone MFC:25508 IMAGE:4920184, mRNA	1	1	1	0.00011	0.000272
A (U74A)	98468_r.at	174 A1316859 (expressed sequence A1316859)	1	1	1	0.000001	0.000533
A (U74A)	92356_at	175 Ptpn8 (protein tyrosine phosphatase, non-receptor type 8)	1	1	1	0.00057	0.00057
A (U74C)	166673_at	176 AV1319021 RIKEN full-length enriched, 13 days embryo male testis	1	1	1	0.00057	0.000285
A (U74C)	93970_at	177 5730403B10R1k (gene with protein product, function unknown)	1	1	1	0.000533	0.000291
A (U74C)	140759_at	178 ESTs, Moderately similar to T43486 hypothetical protein DKF7p34N1272.1	1	1	1	0.00057	0.000291
A (U74A)	95070_at	179 Nars (asparaginyl-tRNA synthetase)	1	1	1	0.00057	0.000291
A (U74C)	168018_at	180 hypothetical protein, MFC:7041	1	1	1	0.00057	0.000291
A (U74A)	94476_at	181 A6672926 (RIKEN cDNA 490553M18)	1	1	1	0.000001	0.000291
A (U74A)	92847_s.at	182 M6p (integral membrane protein)	1	1	1	0.000001	0.000291
A (U74A)	102222_at	183 Hlx (ubiquitously transcribed tetrapeptide repeat gene)	1	1	1	0.000001	0.000291
A (U74A)	104314_r.at	184 1110032A03R1k (RIKEN cDNA 1110032A03 gene)	1	1	1	0.000533	0.000291
A (U74A)	102940_at	185 Ltb (lymphotoxin B)	1	1	1	0.000649	0.000325
A (U74A)	99051_at	186 msl protein gene, exon 2	1	1	1	0.000001	0.000325
A (U74C)	171593_at	187 Cox5a (cytochrome c oxidase, subunit Va)	1	1	1	0.000649	0.000325
A (U74A)	100905_at	188 4921531D01R1k (RIKEN cDNA 4921531D01 gene)	1	1	1	0.000649	0.000325
A (U74A)	103443_at	189 Aiml (absent in melanoma 1)	1	1	1	0.000649	0.000325
A (U74A)	102211_r.at	190 A1605202 (expressed sequence A1605202)	1	1	1	0.00057	0.000331
A (U74A)	161912_r.at	191 Numb (numb gene homolog (Drosophila))	1	1	1	0.000533	0.000331
A (U74A)	103222_at	192 Fns8 (epidermal growth factor receptor pathway substrate 8)	1	1	1	0.000533	0.000331
A (U74A)	96752_at	193 intercellular adhesion molecule 1 (ICAM-1) gene, exons 6 and 7	1	1	1	0.000533	0.000331

FIG. 1C

Analysis Name	Probe Set Name	Gene Name	Change	Change	Status	Change p-value	Average
A (U74A)	102060_at	194 Golg4 (golgi autoantigen, golgin subfamily a, 4)	1	1	1	0.000739	0.000115
A (U74B)2	110269_at	195 2310032120Rik (RIKEN cDNA 2310032120 gene)	1	1	1	0.000205	0.000649
A (U74A)	92582_at	196 Scler7(membrane)	1	1	1	0.000549	0.000222
A (U74A)	93994_at	197 Mus musculus 10 day old male pancreas cDNA	1	1	1	0.000739	0.003177
A (U74A)	102384_at	198 2610209L14Rik (RIKEN cDNA 2610209L14 gene)	1	1	1	0.000437	0.000458
A (U74C)	168478_s_at	199 5730496F10Rik (RIKEN cDNA 5730496F10 gene)	1	1	1	0.000608	0.000499
A (U74A)	93038_f_at	200 lipocortin I gene, exon 13	1	1	1	0.000955	0.0004705
A (U74A)	102872_f_at	201 Zfp51 (zinc finger protein 51)	1	1	1	0.000789	0.0004775
A (U74A)	161617_f_at	202 2410001E19Rik (RIKEN cDNA 2410001E19 gene)	1	1	1	0.000611	0.000483
A (U74A)	95784_at	203 Pirai (paired-Ig-like receptor A1)	1	1	1	0.000001	0.000509
A (U74C)	130186_f_at	204 Tcigr1 (T-cell, immune regulator 1)	1	1	1	0.000004	0.0005105
A (U74A)	97914_at	205 mitochondrial stress-70 protein (PBP74/CSA), exon 14, 15, 16 and 17	1	1	1	0.000143	0.0005195
A (U74A)	96790_f_at	206 AU015645 (expressed sequence AU015645)	1	1	1	0.000236	0.0005385
A (U74A)	96696_at	207 UI-H-AKO-adc-e-02-0-UI.sl	1	1	1	0.001082	0.000542
A (U74A)	96013_r_at	208 Matr3 (matrin 3)	1	1	1	0.001082	0.0005455
A (U74A)	97710_f_at	209 Mpv171 (Mpv17 transgene, kidney disease mutant-like)	1	1	1	0.000789	0.000555
A (U74B)2	109355_at	210 ESTs, Weakly similar to T00039 hypothetical protein KIAA0290	1	1	1	0.00057	0.000533
A (U74A)	95010_at	211 Traf3 (Tnf receptor-associated factor 3)	1	1	1	0.00057	0.000515
A (U74C)	167634_i_at	212 Ytl1 (Ytl transcription factor)	1	1	1	0.001082	0.000561
A (U74A)	93445_at	213 ESTs, AV247190 RIKEN full-length enriched, 0 day neonate head	1	1	1	0.001117	0.000563
A (U74A)	160949_at	214 Ap6 (apoptosis inhibitory 6)	1	1	1	0.000005	0.0005785
A (U74A)	161696_f_at	215 Parg (poly (ADP-ribose) glycohydrolase)	1	1	1	0.001152	0.0005905
A (U74A)	97914_at	216 C77080 (expressed sequence C77080)	1	1	1	0.001152	0.000613
A (U74B)2	113740_at	217 A1225872 (vx57d10.rl Stratagene mouse macrophage (#937306))	1	1	1	0.001226	0.0006285
A (U74C)	171048_i_at	218 AV338811 RIKEN full-length enriched, adult male olfactory bulb	1	1	1	0.000419	0.0006365
A (U74A)	162463_at	219 Tpd52 (tumor protein D52)	1	1	1	0.000896	0.000639
A (U74A)	93907_f_at	220 MIA14 full-length intracisternal A-particle gag protein gene	1	1	1	0.001152	0.0006425
A (U74C)	165724_at	221 4930438012Rik (RIKEN cDNA 4930438012 gene)	1	1	1	0.001304	0.000653
A (U74A)	104621_at	222 ESTs, Highly similar to T00268 hypothetical protein KIAA0597 [H. sapiens]	1	1	1	0.001226	0.0006795
A (U74A)	97853_at	223 AA408851 (gene with protein product, function unknown)	1	1	1	0.001226	0.0006795
A (U74C)	166852_at	224 A1851877 (UI-H-BHO-aix-a-11-0-UI.sl NIH_BMAP_M_S1)	1	1	1	0.000043	0.001387
A (U74A)	160103_at	225 Arot (axotrophin)	1	1	1	0.001387	0.000723
A (U74A)	160156_at	226 vx55cll.rl Stratagene mouse macrophage	1	1	1	0	0.001474
A (U74A)	96900_at	227 A152 (anyotrophic lateral sclerosis 2)	1	1	1	0.001474	0.0007375
A (U74A)	92191_at	228 2810410A08Rik (RIKEN cDNA 2810410A08 gene)	1	1	1	0.001474	0.00074
A (U74A)	160697_at	229 C77080 (expressed sequence C77080)	1	1	1	0.000467	0.000757
A (U74A)	161695_f_at	230 S1c6a4 (solute carrier family 6 (neurotransmitter transporter, serotonin), member 4)	1	1	1	0.001082	0.0007745
A (U74A)	100570_at	231 Nyren18-pending (NY-REN-18 antigen)	1	1	1	0.000085	0.0007795
A (U74A)	92638_at	232 Pnp2ca (protein serine/threonine phosphatase)	1	1	1	0.001474	0.00085
A (U74A)	99143_at	233 Tgln2 (trans-golgi network protein 2)	1	1	1	0.001566	0.000845
A (U74A)	102002_at	234 Ubqln2 (ubiquilin 2)	1	1	1	0.000004	0.000785
A (U74A)	161244_f_at	235 Pstpi1 (proline-serine-threonine phosphatase-interacting protein 1)	1	1	1	0.000789	0.000789
A (U74A)	103235_at	236 0710005A05Rik (RIKEN cDNA 0710005A05 gene)	1	1	1	0.000205	0.000796
A (U74A)	97395_at	237 D19Wsu55e (DNA segment, Chr 19, Wayne State University 55, expressed)	1	1	1	0.001566	0.0007975
A (U74A)	101004_f_at	238 Srp20 gene	1	1	1	0.001474	0.000165
A (U74A)	98112_r_at	239 2410015L10Rik (leucine aminopeptidase)	1	1	1	0.000271	0.000829
A (U74A)	103444_at	240 ESTs, Weakly similar to SMR2 MOUSE DNA-BINDING PROTEIN SMURP-2	1	1	1	0.000001	0.0008325
A (U74A)	103312_f_at	241 C79684 (expressed sequence C79684)	1	1	1	0.000012	0.000838
A (U74A)	97947_at	242 1700031C13Rik (RIKEN cDNA 1700031C13 gene)	1	1	1	0.000333	0.00086
A (U74A)	100561_at	243 IQ motif containing GTPase activating protein 1	1	1	1	0.000437	0.0008705
A (U74C)	168016_r_at	244 6030404E16Rik (RIKEN cDNA 6030404E16 gene)	1	1	1	0.000739	0.000878
A (U74A)	94806_at	245 Pdbb (pyruvate dehydrogenase (lipoamide) beta)	1	1	1	0.00115	0.000895
A (U74A)	95533_at	246 Zfp106 (zinc finger protein 106)	1	1	1	0.000124	0.000894
A (U74A)	160263_r_at	247 0710001020Rik (RIKEN cDNA 0710001020 gene)	1	1	1	0.00004	0.0009035
A (U74A)	101502_at	248 Tgfr (TC interacting factor, transcription factor)	1	1	1	0.001876	0.000938
A (U74A)	99856_r_at	249 Ctnnd2 (catenin (cadherin-associated protein), delta 2)	1	1	1	0.001543	0.000938
A (U74A)	102124_f_at	250 Cox4 (cytochrome c oxidase, subunit IVa)	1	1	1	0.001304	0.000956
A (U74B)2	112925_at	251 hypothetical protein, WGC:7036	1	1	1	0.000047	0.0009615
A (U74B)2	108058_at	252 2810441M03Rik (RIKEN cDNA 2810441M03 gene)	1	1	1	0.001664	0.000977
A (U74A)	161127_i_at	253 ESTs, Weakly similar to R124 HUMAN 60S RIBOSOMAL PROTEIN	1	1	1	0.001056	0.0009805
A (U74C)	167468_at	254 AW011752 (expressed sequence AW011752)	1	1	1	0.001876	0.0009915
A (U74B)2	111877_at	255 ESTs, Highly similar to T41751 I-afadin - rat	1	1	1	0.000003	0.000997
A (U74A)	103563_at	256 4930534K13Rik (RIKEN cDNA 4930534K13 gene)	1	1	1	0.000007	0.000999
A (U74A)	96724_r_at	257 R75011 (expressed sequence R75011)	1	1	1	0.001566	0.0010165
A (U74B)2	116599_at	258 ESTs, vo59b04.rl Soares_mammary_gland_NbMWG	1	1	1	0.001017	0.001017

FIG. 1D

Analysis Name	Probe Set Name	Gene Name	Change	Change	Status	Change p-value	Change p-value	Average
A (U74A)	93964_s_at	Mus musculus putative RNA helicase RCK mRNA	1	1	1	0.001991	0.000043	0.001017
A (U74A)	102205_at	257						
A (U74A)	93491_f_at	260	1	1	1	0.000311	0.001767	0.001039
A (U74A)	102425_at	263	1	1	1	0.000001	0.002112	0.0010565
A (U74A)	94832_at	264	1	1	1	0.000001	0.000154	0.0010725
A (U74A)	101684_r_at	267	1	1	1	0.000063	0.002112	0.0010875
A (U74A)	99823_r_at	268	1	1	1	0.000074	0.002112	0.001093
A (U74A)	94076_l_at	269	1	1	1	0.001304	0.000896	0.0011
A (U74A)	114812_at	270	1	1	1	0.000007	0.002195	0.001101
A (U74A)	99522_at	271	1	1	1	0.000003	0.00224	0.0011215
A (U74A)	104612_g_at	272	1	1	1	0.000019	0.00224	0.0011295
A (U74A)	160947_at	273	1	1	1	0.000896	0.001474	0.001185
A (U74A)	162618_at	274	1	1	1	0.002375	0.000034	0.0012045
A (U74A)	92338_f_at	275	1	1	1	0.001152	0.001304	0.001228
A (U74C)	166692_at	276	1	1	1	0.000467	0.001991	0.001229
A (U74C)	166999_at	277	1	1	1	0.000896	0.001566	0.001231
A (U74C)	96695_at	278	1	1	1	0.001991	0.000499	0.001245
A (U74C)	167626_r_at	279	1	1	1	0.001991	0.000499	0.001245
A (U74C)	168057_f_at	280	1	1	1	0.001248	0.001248	0.001248
A (U74C)	94043_at	281	1	1	1	0.001767	0.000739	0.001253
A (U74A)	111381_r_at	282	1	1	1	0.002112	0.000499	0.0013055
A (U74B)	160442_at	283	1	1	1	0.00057	0.00224	0.001405
A (U74A)	169904_r_at	284	1	1	1	0.001664	0.001226	0.001445
A (U74C)	102017_at	285	1	1	1	0.001304	0.001664	0.001484
A (U74A)	161377_at	286	1	1	1	0.00224	0.001017	0.0016285
A (U74C)	168277_r_at	287	1	1	1	0.001876	0.001387	0.0016315
A (U74C)	104489_at	288	1	1	1	0.001664	0.001991	0.0018275
A (U74A)		289	1	1	1	0.001474	0.00224	0.001857

FIG. 1E

	Change	Change	Change	Status	Change p-value	Change p-value	Average
A (U74A)	95521_at	286	Ak4 (adenylate kinase 4)	D	0.998009	0.998336	0.9981725
A (U74B) 2	115760_at	287	Mus musculus, clone MGC:11687 IMGC:3961992, mRNA, complete cds	D	0.99776	0.999307	0.9985335
A (U74B) 2	112703_at	288	ESTs, UI-M-AQ1-aef-f-04-0-U1.s1 NIH_BMAP_MH1_N	D	0.999211	0.998233	0.998722
A (U74B) 2	112889_at	289	AB041662 (hypothetical protein, MNC5-4193)	D	0.998009	0.995333	0.998771
A (U74B) 2	112988_at	290	ESTs, weakly similar to AT1B MOUSE POTENTIAL PHOSPHOLIPID-TRANSPORTING ATPASE 1B	D	0.999998	0.997625	0.9988115
A (U74C)	137034_f_at	291	5712828.RC, ve7f608.x1 Beddington mouse embryonic	D	0.999999	0.997626	0.9988125
A (U74C)	164216_at	292	ESTs, vk39a06.x1 Soares_mammary_gland_N0MG	D	0.999941	0.99776	0.9988505
A (U74B) 2	113182_at	293	Erol (Erol-1) (DNA segment, Chr 1, ERATO Doi 101, expressed)	D	0.998009	0.99971	0.9988595
A (U74B) 2	112401_at	294	DIERtd101e (LINE segment, Chr 1, ERATO Doi 101, expressed)	D	0.998613	0.998124	0.9989065
A (U74B) 2	101956_at	295	AU022421 (ua72h12.r1 Soares_thymus_2NMT)	D	0.999946	0.997888	0.998917
A (U74A)	99918_at	296	ESTs, weakly similar to S21801 myosin heavy chain	D	0.999915	0.998009	0.998962
A (U74A)	93548_at	297	DI3Wsu115e (bone morphogenetic protein 6)	D	0.998009	0.99926	0.9989675
A (U74A)	95468_at	298	AW122942 (gene with protein product, function unknown)	D	0.998735	0.999269	0.999002
A (U74C)	95468_at	299	Mus musculus C57/Black6 BC1 scRNA	D	0.998124	0.999999	0.9990615
A (U74C)	115354_at	300	Egln1 (EGL nine homolog 1)	D	0.998233	0.99987	0.99911
A (U74B) 2	95722_at	301	A045240 (RIKEN cDNA 1110054A24 gene)	D	0.998526	0.999941	0.9992335
A (U74A)	95456_r_at	302	Glxr1 (glutaredoxin 1, glutaredoxin)	D	0.998526	0.999946	0.999236
A (U74A)	95643_at	303	Shf6l (split hand/foot deleted gene 1)	D	0.998526	0.999946	0.999236
A (U74A)	135189_f_at	304	Wdr6 (WD repeat domain 6)	D	0.998526	0.999946	0.999236
A (U74C)	95643_at	305	A1413331 (expressed sequence A1413331)	D	0.998526	0.999946	0.999236
A (U74C)	95643_at	306	A1413331 (expressed sequence A1413331)	D	0.998526	0.999946	0.999236
A (U74A)	112767_s_at	307	triosephosphate isomerase (tpi) gene	D	0.998526	0.999946	0.999236
A (U74B) 2	115920_at	308	Utrn (utrophin)	D	0.998526	0.999946	0.999236
A (U74B) 2	94322_at	309	EST C78892	D	0.998526	0.999946	0.999236
A (U74A)	94322_at	310	Mus musculus C57/Black6 BC1 scRNA	D	0.998526	0.999946	0.999236
A (U74A)	95636_at	311	Sqle (squalene epoxidase, integral membrane protein)	D	0.998526	0.999946	0.999236
A (U74A)	93602_at	312	1110020A23Rik (RIKEN cDNA 1110020A23 gene)	D	0.998526	0.999946	0.999236
A (U74B) 2	107005_at	313	Ros6ka4 (ribosomal protein S6 kinase)	D	0.998526	0.999946	0.999236
A (U74A)	93264_at	314	DIERtd101e (DNA segment, Chr 1, ERATO Doi 101, expressed)	D	0.998526	0.999946	0.999236
A (U74B) 2	108095_at	315	Sreb1 (sterol regulatory element binding factor 1, integral membrane protein)	D	0.998526	0.999946	0.999236
A (U74B) 2	112977_at	316	Egln1 (EGL nine homolog 1)	D	0.998526	0.999946	0.999236
A (U74B) 2	160862_at	317	ESTs, UI-M-B11-anb-a-03-0-U1.s1 NIH_BMAP_M_S2	D	0.998526	0.999946	0.999236
A (U74A)	101930_at	318	Ptp43 (protein tyrosine phosphatase 4a3)	D	0.998526	0.999946	0.999236
A (U74A)	95758_at	319	Nfx (nuclear factor 1/X)	D	0.998526	0.999946	0.999236
A (U74B) 2	109390_at	320	Scd2 (stearyl-Coenzyme A desaturase 2, integral membrane protein)	D	0.998526	0.999946	0.999236
A (U74B) 2	115756_at	321	Siat10 (sialyltransferase 10 (alpha-2,3-sialyltransferase VI))	D	0.998526	0.999946	0.999236
A (U74B) 2	107435_at	322	Fg2 (faciogenital dysplasia homolog 2 (human))	D	0.998526	0.999946	0.999236
A (U74B) 2	115556_s_at	323	BB104748 (expressed sequence BB104748)	D	0.998526	0.999946	0.999236
A (U74B) 2	111380_at	324	A152584 (expressed sequence A152584)	D	0.998526	0.999946	0.999236
A (U74A)	95674_r_at	325	1110011E12Rik (RIKEN cDNA 1110011E12 gene)	D	0.998526	0.999946	0.999236
A (U74A)	160065_s_at	326	2610024P12Rik (RIKEN cDNA 2610024P12 gene)	D	0.998526	0.999946	0.999236
A (U74A)	102208_at	327	Csrp (cysteine rich protein)	D	0.998526	0.999946	0.999236
A (U74A)	96008_at	328	Siat10 (sialyltransferase 10)	D	0.998526	0.999946	0.999236
A (U74A)	98129_at	329	Defender against Apoptotic Death (Dad1) gene, exon 3	D	0.998526	0.999946	0.999236
A (U74B) 2	108614_f_at	330	Imb10 (thymosin, beta 10)	D	0.998526	0.999946	0.999236
A (U74A)	160568_at	331	1110012005Rik (RIKEN cDNA 1110012005 gene)	D	0.998526	0.999946	0.999236
A (U74C)	166122_at	332	Eno1 (enolase 1, alpha non-neuron)	D	0.998526	0.999946	0.999236
A (U74B) 2	105752_f_at	333	4930583H14Rik (RIKEN cDNA 4930583H14 gene)	D	0.998526	0.999946	0.999236
A (U74A)	96359_at	334	Gcn512 (general control of amino acid synthesis-like 2 (yeast))	D	0.998526	0.999946	0.999236
A (U74A)	92232_at	335	DIERtd101e (DNA segment)	D	0.998526	0.999946	0.999236
A (U74C)	165678_l_at	336	Gish3 (cytokine inducible SH2-containing protein 3)	D	0.998526	0.999946	0.999236
A (U74A)	101495_at	337	AV022454 (expressed sequence AV022454)	D	0.998526	0.999946	0.999236
A (U74A)	93574_at	338	MD3 mRNA	D	0.998526	0.999946	0.999236
A (U74A)	101571_g_at	339	Serpinf1 (Serine proteinase inhibitor, serpin)	D	0.998526	0.999946	0.999236
A (U74A)	99024_at	340	insulin like growth factor binding protein 4	D	0.998526	0.999946	0.999236
A (U74B) 2	112405_at	341	MCT4 (Max dimerization protein 4)	D	0.998526	0.999946	0.999236
A (U74A)	94057_g_at	342	stearoyl-CoA desaturase gene, exon 6	D	0.998526	0.999946	0.999236
A (U74A)	92858_at	343	Ephx1 (epoxide hydrolase 1, epoxide hydrolase)	D	0.998526	0.999946	0.999236
A (U74B) 2	163664_at	344	Fads2 (fatty acid desaturase 2)	D	0.998526	0.999946	0.999236
A (U74A)	160424_f_at	345	secretory leukoprotease inhibitor gene	D	0.998526	0.999946	0.999236
A (U74B) 2	163063_l_at	346	Farnesyl pyrophosphate synthase (Fpps) mRNA	D	0.998526	0.999946	0.999236
A (U74B) 2	103836_at	347	1500004A08Rik (RIKEN cDNA 1500004A08 gene)	D	0.998526	0.999946	0.999236
A (U74A)	104728_at	348	Brip3 (BCL2/adenovirus E1B 19 kDa-interacting protein 1, integral membrane protein)	D	0.998526	0.999946	0.999236
A (U74B) 2	164098_at	349	Prsl (prolactin S (alpha))	D	0.998526	0.999946	0.999236
A (U74B) 2	164098_at	350	Fzd7 (frizzled homolog 7 (Drosophila))	D	0.998526	0.999946	0.999236

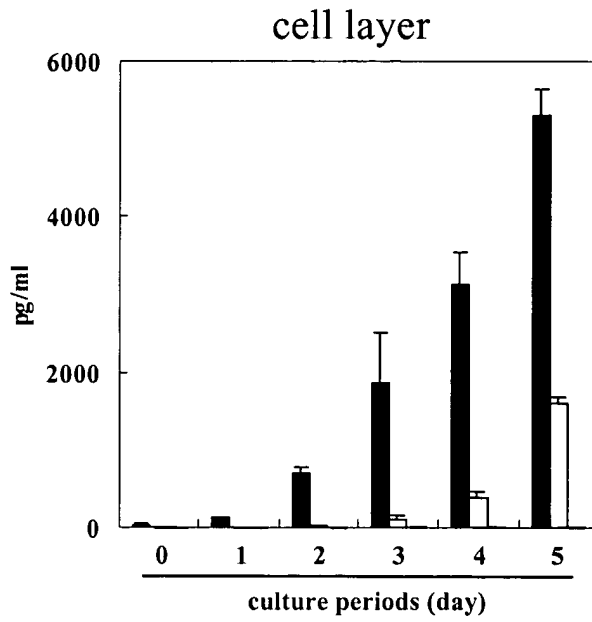
FIG. 2A

	Change	Change	Status	Change	p-value	Average
A (U74A)	98496_at	351	D	0.999997	0.999998	0.999975
A (U74A)	101084_f_at	352	D	0.999996	1	0.999998
A (U74A)	97885_at	353	D	0.999999	0.999997	0.999998
A (U74A)	94056_at	354	D	0.999999	0.999998	0.9999985
A (U74A)	99599_s_at	355	D	0.999999	0.999998	0.9999985
A (U74A)	93583_s_at	356	D	0.999999	0.999999	0.999999
A (U74A)	94304_at	357	D	0.999999	0.999999	0.999999
A (U74A)	96605_at	358	D	0.999999	0.999999	0.999999
A (U74A)	90098_at	359	D	0.999999	0.999999	0.999999
A (U74C)	166934_s_at	360	D	0.999999	0.999999	0.999999
A (U74A)	92637_at	361	D	1	0.999998	0.999999
A (U74A)	104313_at	362	D	1	0.999998	0.999999
A (U74A)	92851_at	363	D	1	0.999999	0.9999995
A (U74A)	93351_at	364	D	0.999999	1	0.9999995
A (U74A)		365	D	0.999999	1	0.9999995

FIG. 2B

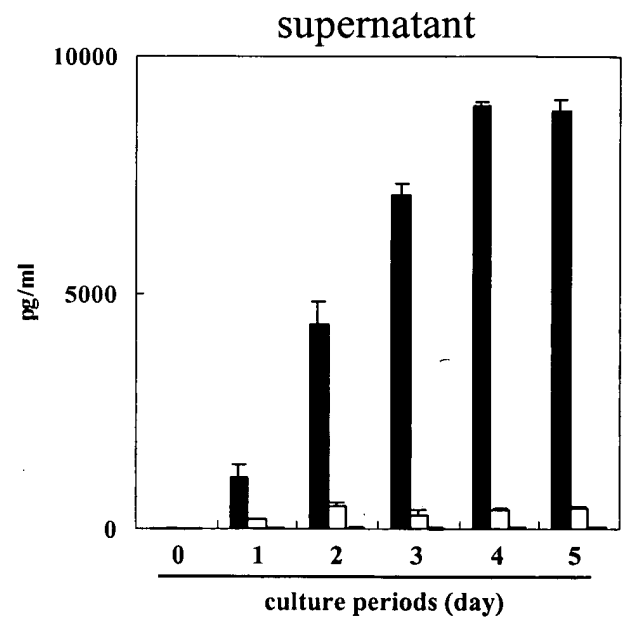
Figure 3

A

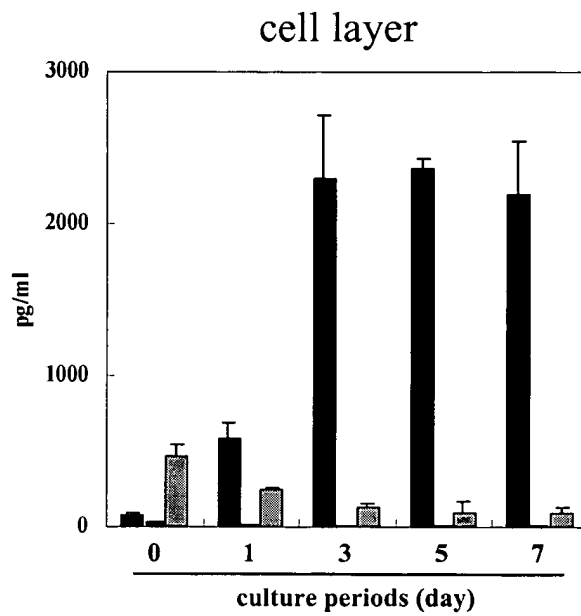


■ MIP-1 γ □ MIP-1 α ▨ RANTES

C



B



■ MIP-1 γ □ MIP-1 α ▨ RANTES

D

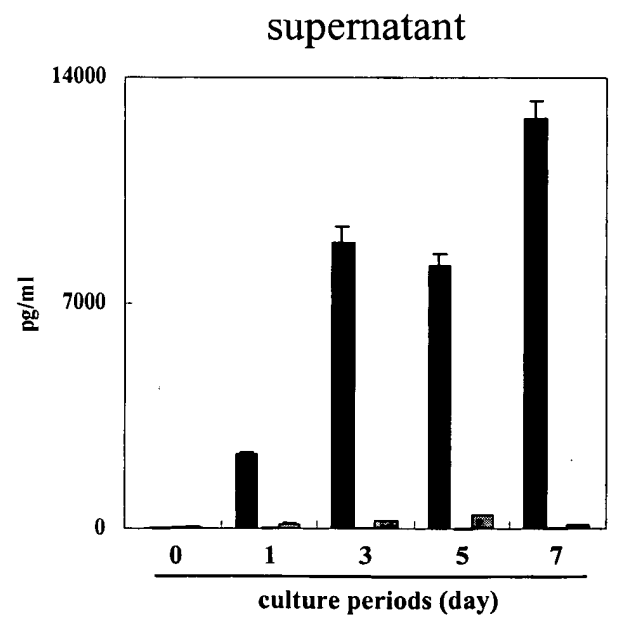
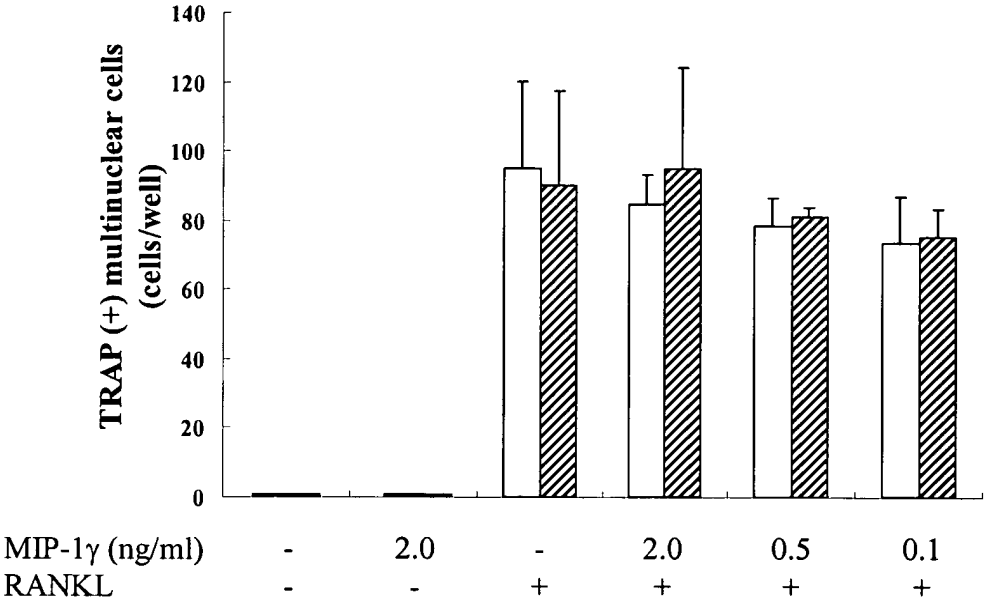


Figure 4

A

RAW264.7 cells



B

BM cells

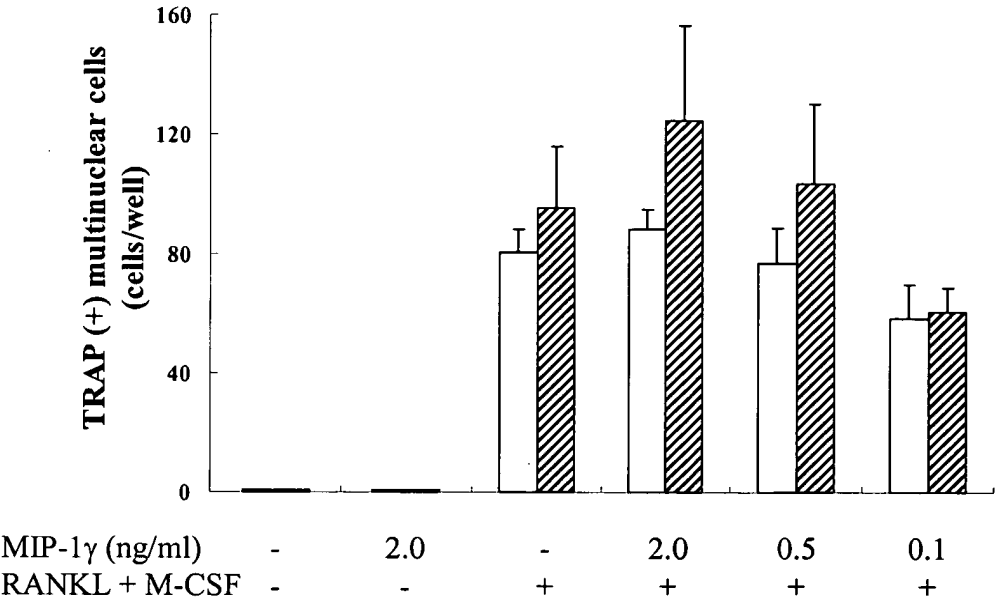
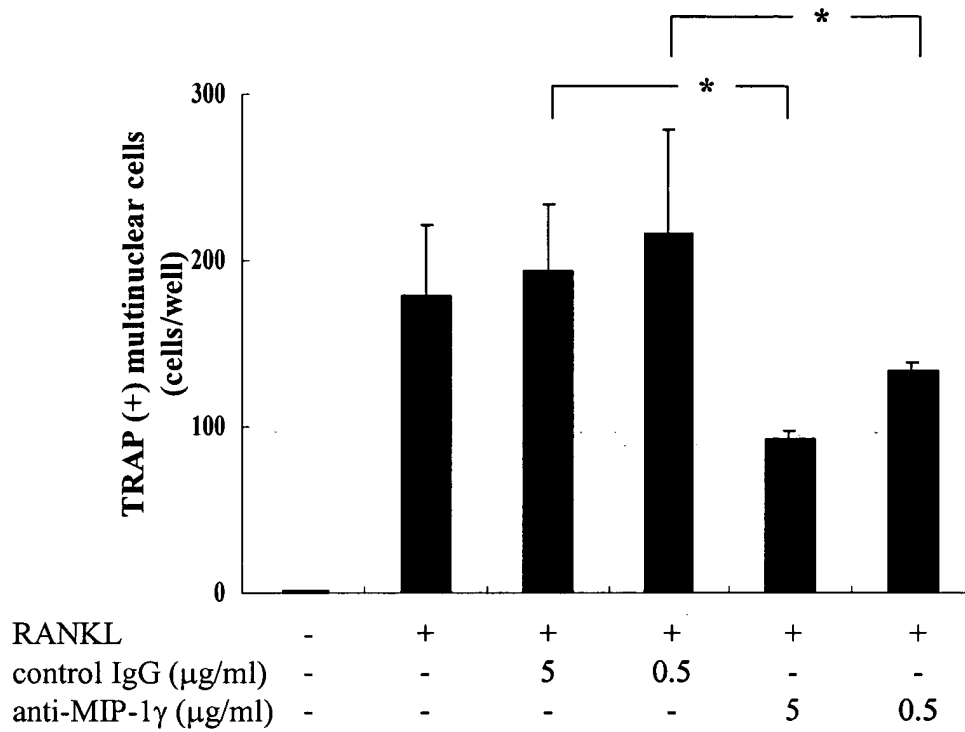


Figure 5

A

RAW264.7 cells



B

BM cells

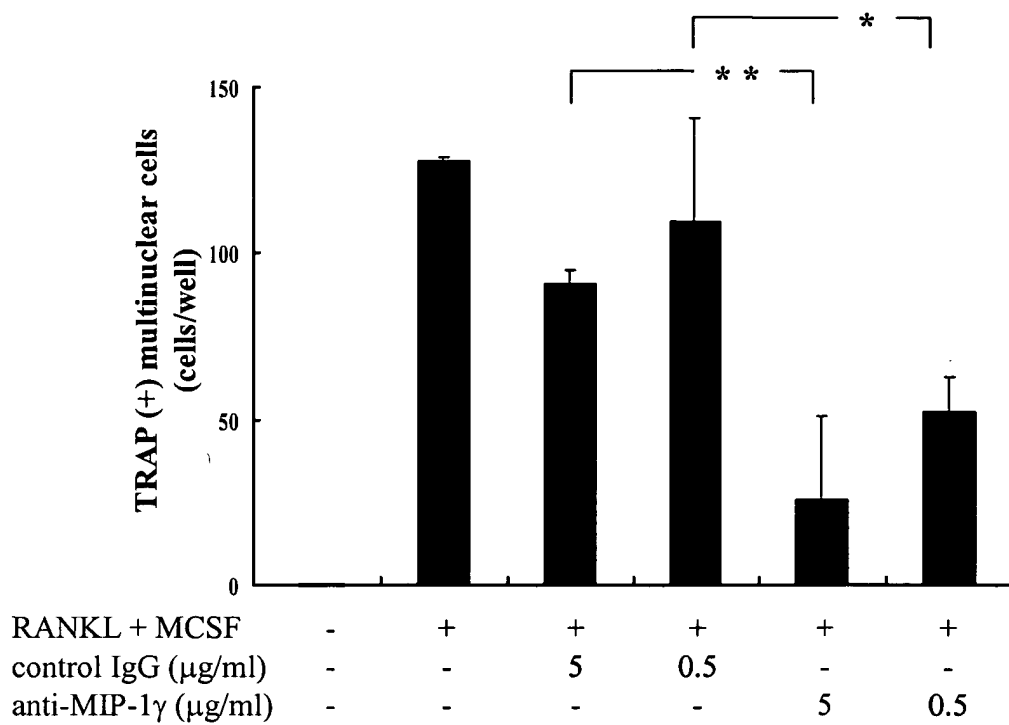


Figure 6

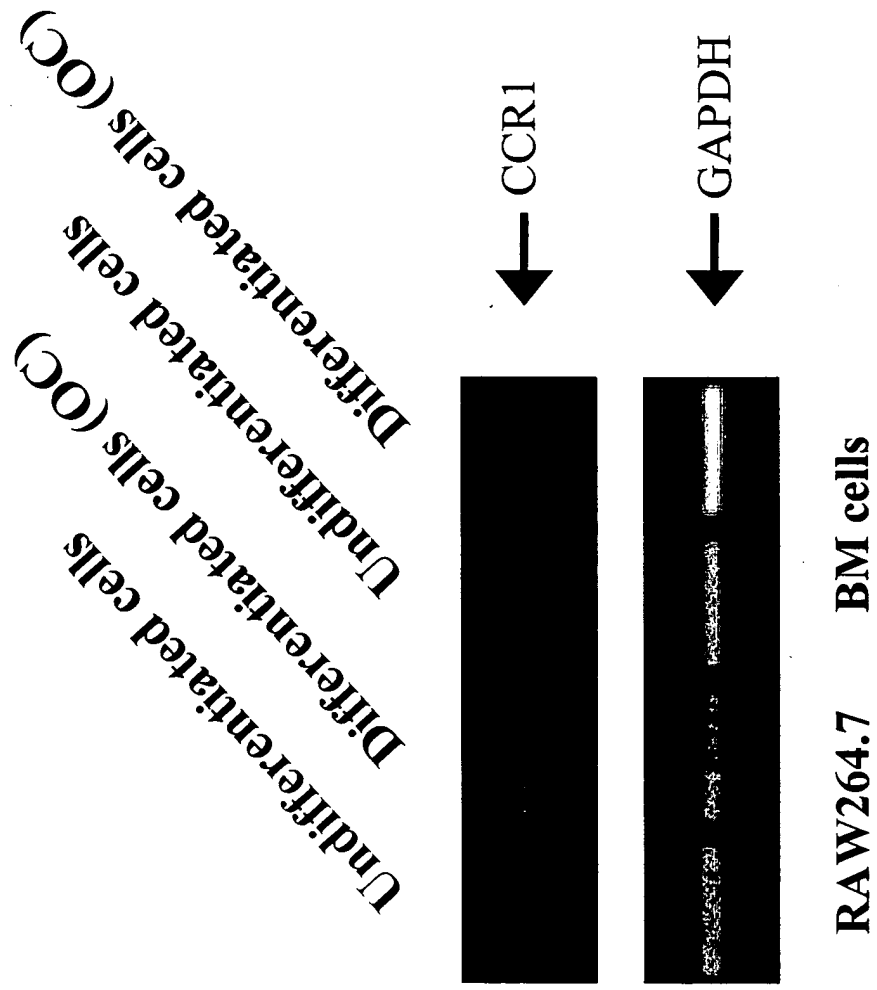


Figure 7

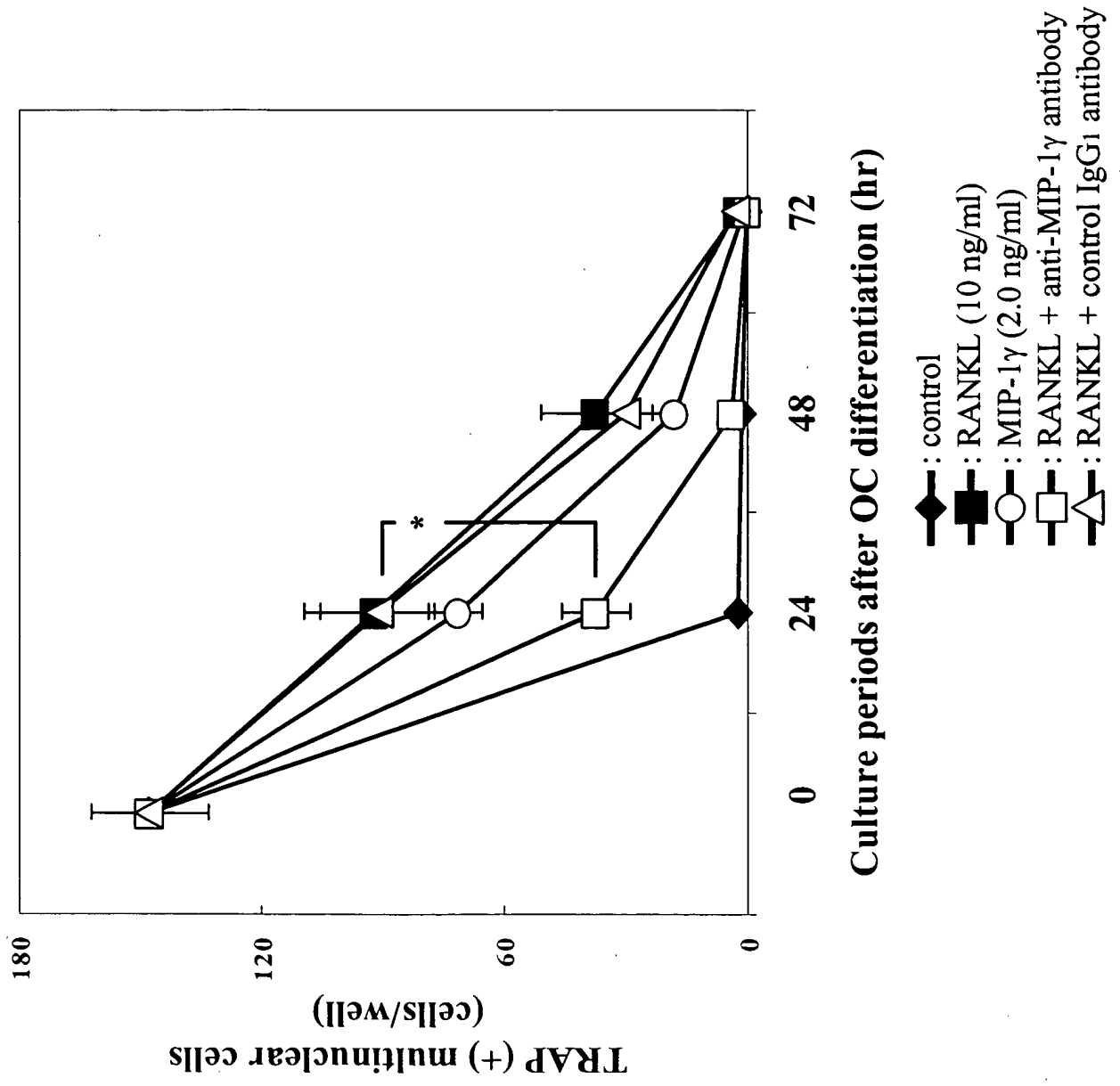
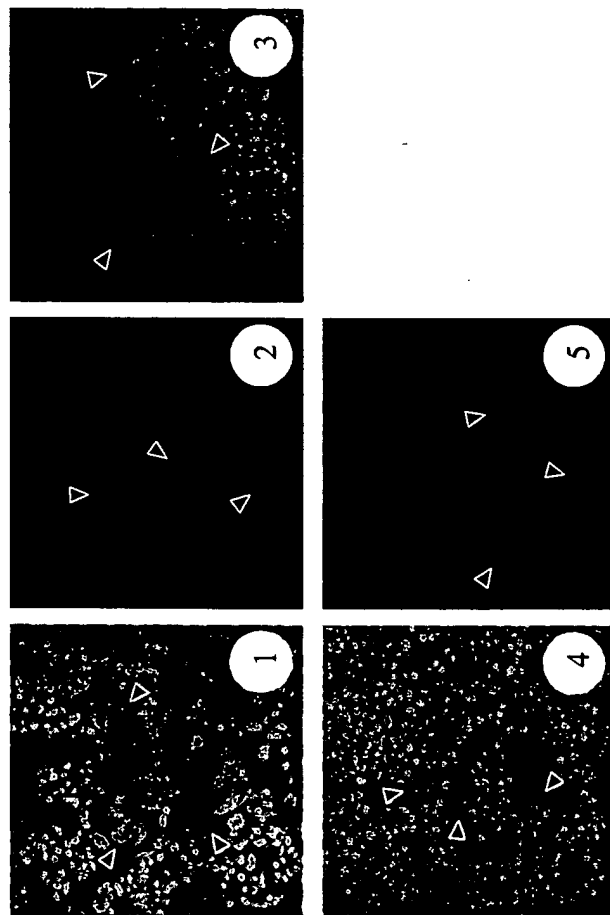


Figure 8

A



B

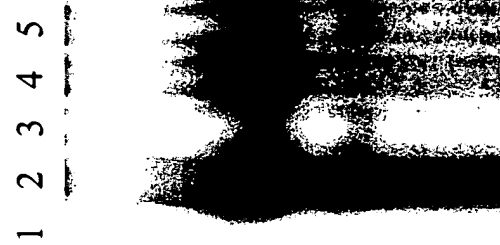
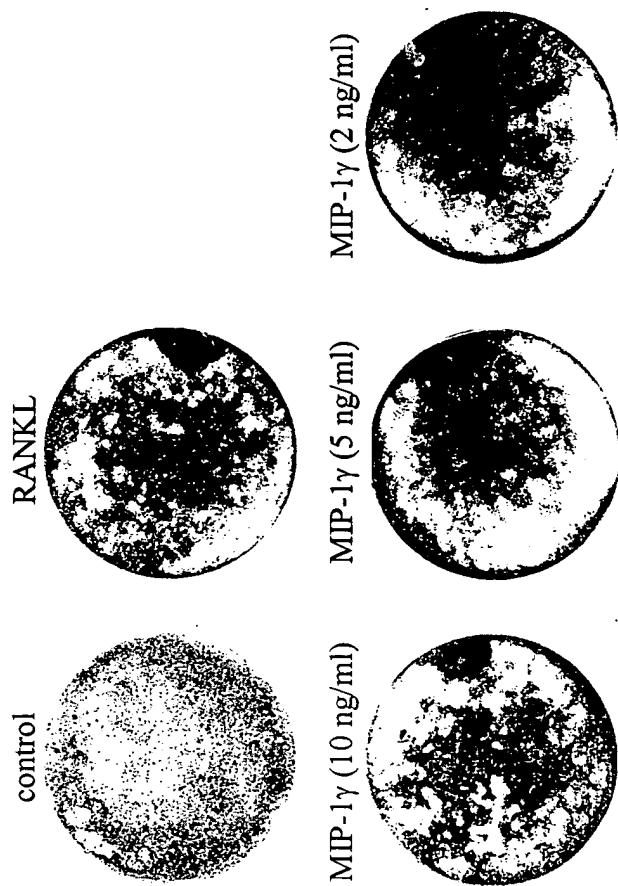
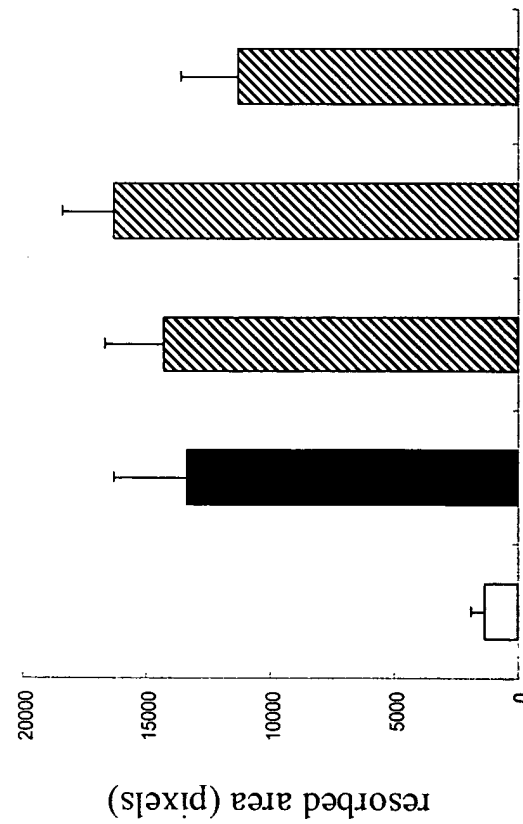


Figure 9

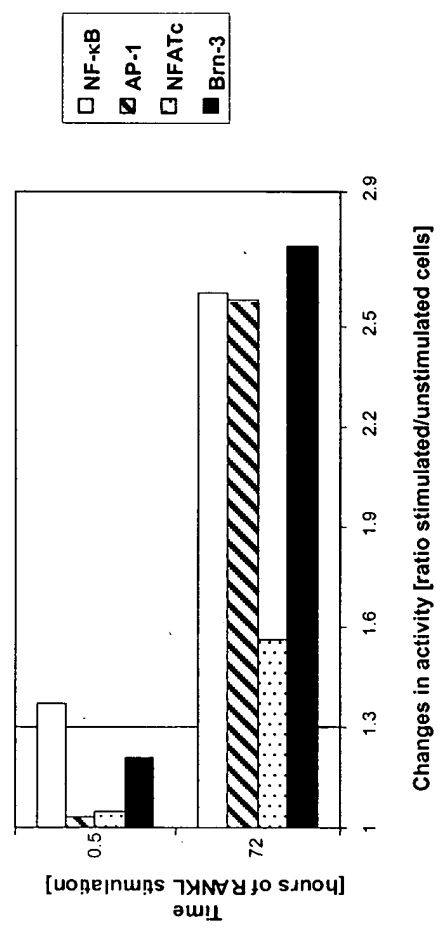
A



B

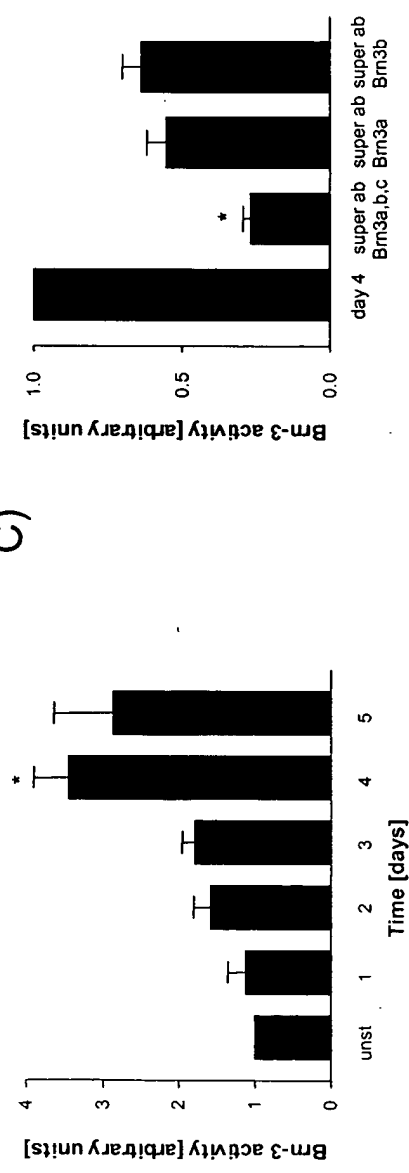


A)

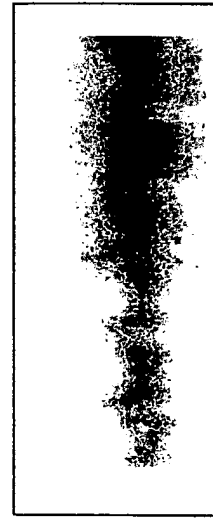


B)

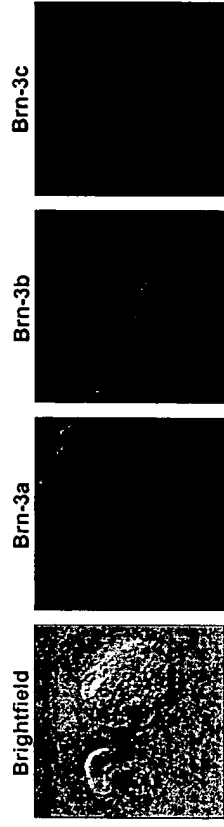
C)



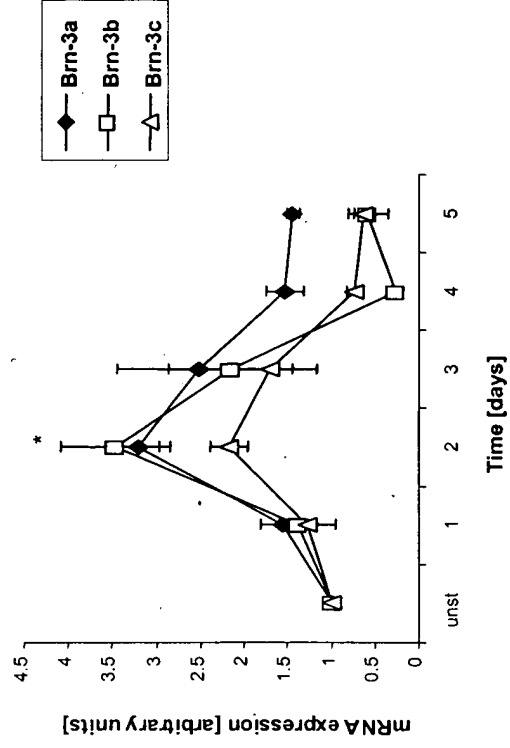
D)



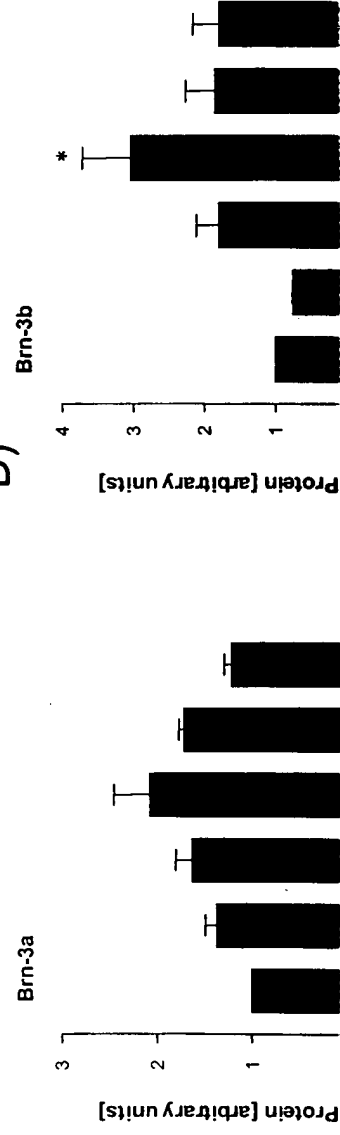
A)



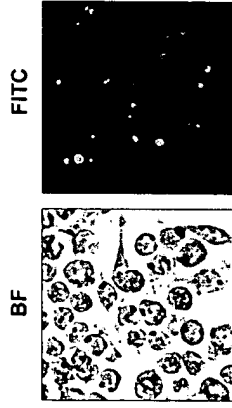
B)



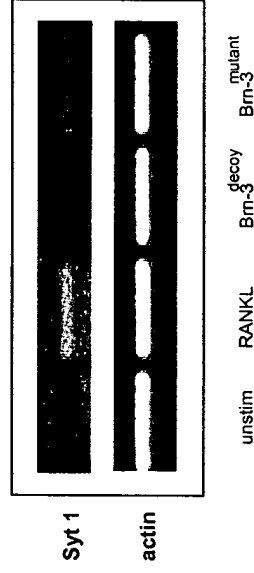
C)



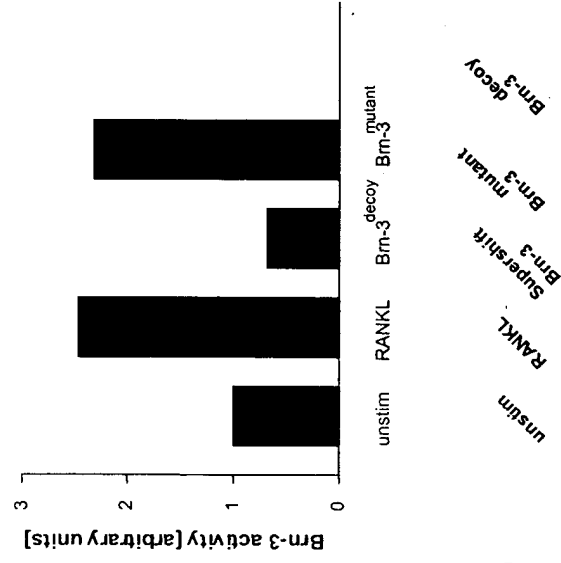
A)



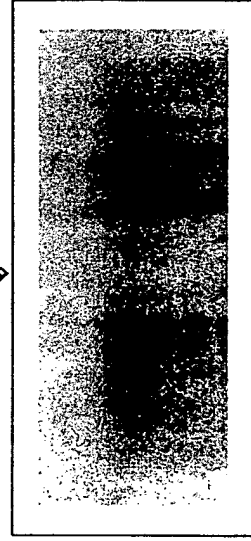
D)



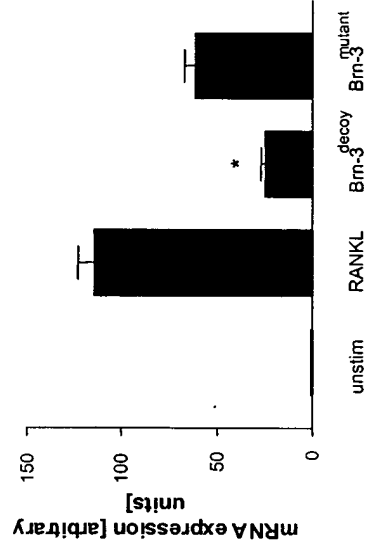
B)



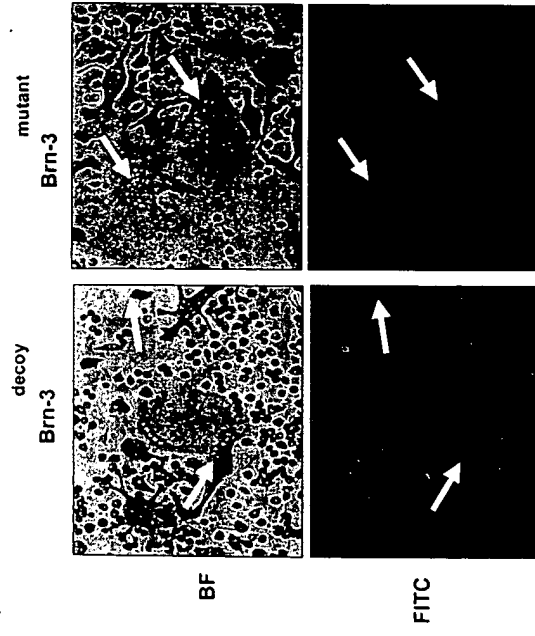
C)



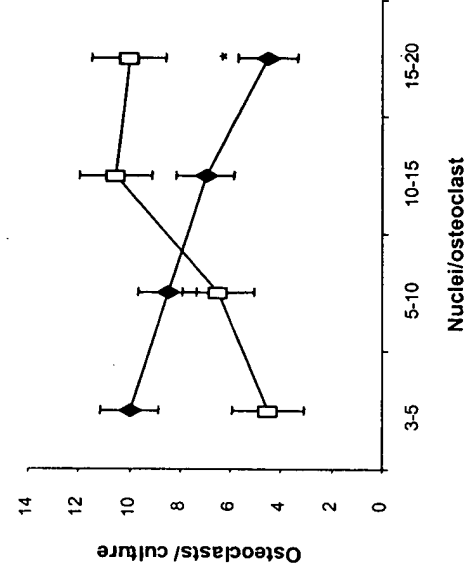
E)



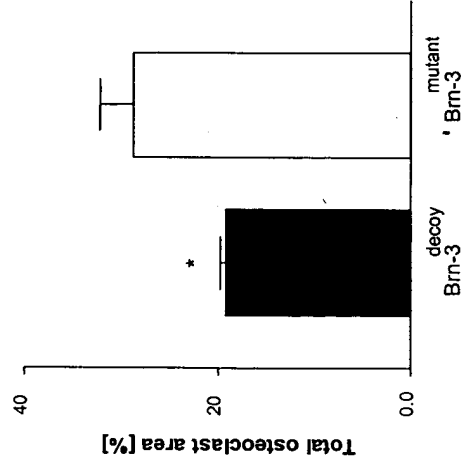
A)

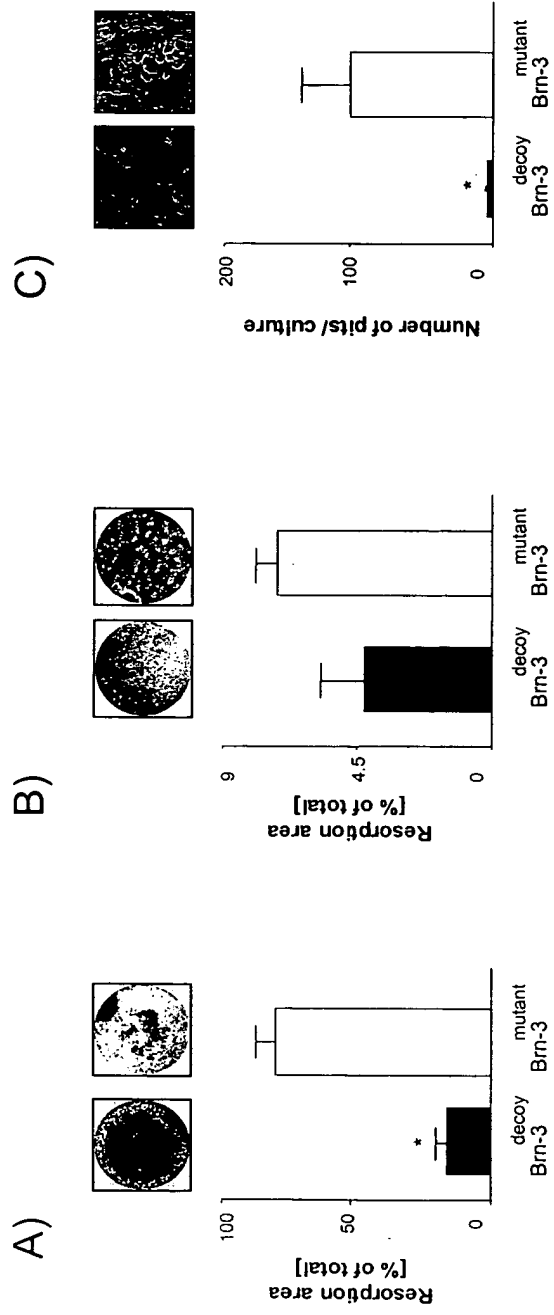


B)



C)





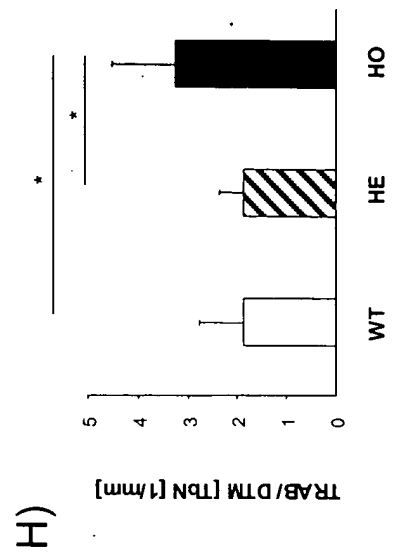
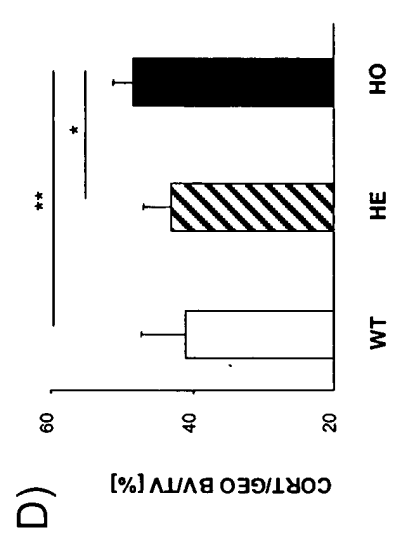
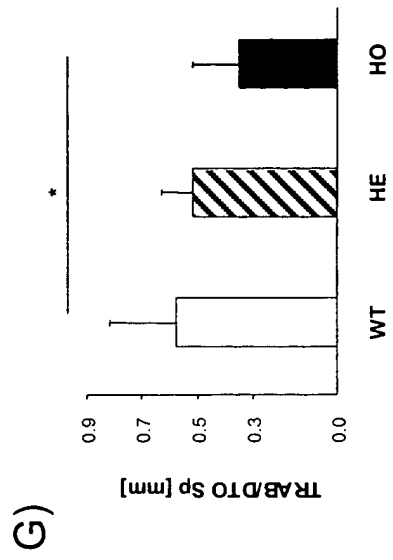
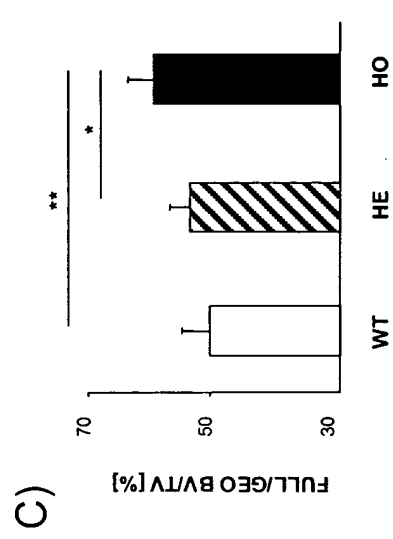
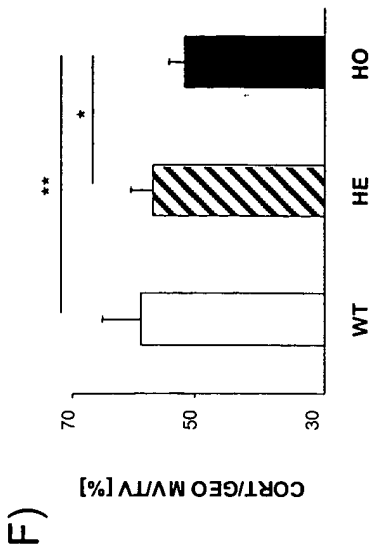
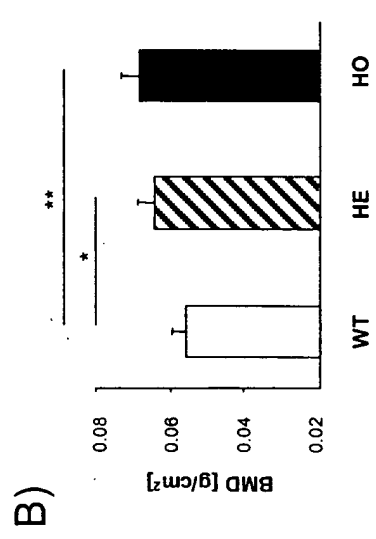


Figure 15